



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 55014-2:2003

ICS 33.100

**ELECTROMAGNETIC COMPATIBILITY -**

**REQUIREMENTS FOR HOUSEHOLD**

**APPLIANCES, ELECTRIC TOOLS AND**

**SIMILAR APPARATUS**

**PART 2: IMMUNITY - PRODUCT FAMILY**

**STANDARD**

**(CISPR 14-2:1997)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 55014-2**

February 1997

ICS 33.100

Supersedes EN 55104:1995

Descriptors: Electromagnetic compatibility, immunity, household electrical appliances, electric equipment, portable electric tools, specifications, classifications, tests, conformity tests, test conditions

English version

**Electromagnetic compatibility - Requirements for household appliances,  
electric tools and similar apparatus  
Part 2: Immunity - Product family standard  
(CISPR 14-2:1997)**

Compatibilité électromagnétique  
Exigences pour les appareils  
électrodomestiques, outillages  
électriques et appareils analogues  
Partie 2: Immunité  
Norme de famille de produits  
(CISPR 14-2:1997)

Elektromagnetische Verträglichkeit  
Anforderungen an Haushaltgeräte  
Elektrowerkzeuge und ähnliche  
Elektrogeräte  
Teil 2: Störfestigkeit  
Produktfamiliennorm  
(CISPR 14-2:1997)

This European Standard was approved by CENELEC on 1996-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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### Foreword

The text of document CISPR/F/201/FDIS, future edition 1 of CISPR 14-2, prepared by CISPR SC F, Interference relating to household appliances, tools, lighting equipment and similar apparatus, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 55014-2 on 1996-10-01.

This European Standard supersedes EN 55104:1995.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 1997-08-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1997-08-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard CISPR 14-2:1997 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA (normative)****Normative references to international publications  
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 50(161)	1990	International Electrotechnical Vocabulary (IEV) Chapter 161: Electromagnetic compatibility	-	-
IEC 1000-4-2	1995	Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques Section 2: Electrostatic discharge immunity test - Basic EMC publication	EN 61000-4-2	1995
IEC 1000-4-3 (mod)	1995	Section 3: Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3	1996
IEC 1000-4-4	1995	Section 4: Electrical fast transient/burst immunity test - Basic EMC publication	EN 61000-4-4	1995
IEC 1000-4-5	1995	Section 5: Surge immunity test	EN 61000-4-5	1995
IEC 1000-4-6	1996	Section 6: Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	1996
IEC 1000-4-11	1994	Section 11: Voltage dips, short interruptions and voltage variations immunity tests - Basic EMC publication	EN 61000-4-11	1994
CISPR 11 (mod)	1990	Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment <sup>1)</sup>	EN 55011	1991

1) The title of EN 55011 is: Limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 14	1993	Limits and methods of measurement of radio disturbance characteristics of electrical motor-operated and thermal appliances for household and similar purposes, electric tools and similar electric apparatus	EN 55014	1993
CISPR 16-1	1993	Specification for radio disturbance and immunity measuring apparatus and methods Part 1: Radio disturbance and immunity measuring apparatus	-	-

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